Group Art Unit: 1645

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/646, 396 Filed: August 21, 2003 Title: DEPRESSION GENE

July 2, 2004

Mail Stop Sequence Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL OF SEQUENCE LISTING IN COMPLIANCE WITH 37 C.F.R. §§1.821 — 1.824

Sir:

Transmitted herewith is a copy of a "Sequence Listing" for the above-identified patent application as required by 37 C.F.R. § 1.821(c), and a copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. § 1.821(e).

As required by 37 C.F.R. § 1.821(f), I hereby state that the sequence listing information recorded in computer readable form is identical to the written sequence listing.

Further, as required by 37 C.F.R. § 1.821(g), I hereby state that no new matter is introduced by the submission of both forms of the sequence listing.

Respectfully submitted,

By:

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CERTIFICATE OF EXPRESS MAIL

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Alexandria, VA 22313-1450.

Sam Barkley, Ph.D.

Date